

REMARKS

The L numbers are used for the purposes of identification of the various ligands by a reference number. The letter "L" under the formula of a ligand denotes "Ligand," not a "*d,l* -" isomerism. The claimed stereoisomers are those shown by the depicted structures.

In claim 15, the "Cy" group in certain ligands, such as, L12, L49, etc., is a "cyclohexyl group." It is not a cyano group. Applicant has introduced "wherein Cy is a cyclohexyl group" to the claims where appropriate.

Support for a "cyclohexyl" group is in the Summary of the Invention and in claim 1, as originally filed, where it is indicated that the group attached to the phosphorus can be an alkyl group. Further, it is conventional in the art to designate the cyclohexyl group in short hand as being a "Cy" group.

Applicant has canceled the claims, as originally filed, and added new claims 48-103.

Newly presented claims 48-70 are directed to a catalyst prepared by contacting a transition metal salt or complex and a ligand.

The ligands defined by claims 48-70 are those that have already been allowed in the parent application.

Newly presented claims 71-103 are directed to a process for preparing an asymmetric compound by contacting a substrate and a catalyst prepared by contacting a transition metal salt or a complex and a ligand.

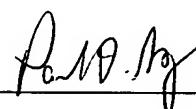
The ligands defined by claims 71-103 are those that have already been allowed in the parent application.

Accordingly, the Applicant respectfully requests examination and allowance of all pending claims.

Respectfully submitted,

Date: September 11, 2003

By:


Paul D. Greeley

Paul D. Greeley
Reg. No. 31,019
Attorney for Applicant
Ohlandt, Greeley, Ruggiero
& Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford CT 06901-2682
U.S.A.
Tel: 203-327-4500
Fax: 203-327-6401